

**LIVABLE MECK**  
YOUR VOICE. YOUR VISION.

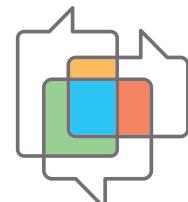
## ENGAGEMENT CAFÉ

March 15, 2018



YOUR VOICE. YOUR VISION.

## WELCOME & INTRODUCTIONS



LIVABLE  
**MECK**

# AGENDA

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# LIVABLE MECK

## COMMUNITY PLAN BASED ON 120 ORGANIZATIONS & 2000 VOICES

Guiding Principles							
Descriptors	Character. Entertainment. Opportunity. Safe Neighborhoods.	Jobs. Entrepreneurship. Commerce.	Engaged Residents. Transportation Choices.	Community. Participation.	A Skilled Workforce. Quality Education.	Physical Activity. Healthy Foods. Clean Environment.	Future Well-being. Collaboration.
Strategies	<ul style="list-style-type: none"> <li>Build safe neighborhoods</li> <li>Increase access to community-based arts, science, and history education</li> <li>Continue to be an inviting destination for residents, visitors and businesses</li> <li>Celebrate and integrate history, culture and diversity</li> </ul>	<ul style="list-style-type: none"> <li>Make it easier for new businesses to succeed and existing businesses to flourish</li> <li>Increase global economic competitiveness</li> <li>Promote the redevelopment, reuse, and rehabilitation of declining and vacant properties</li> <li>Leverage technology</li> </ul>	<ul style="list-style-type: none"> <li>Expand capacity and increase use of sidewalks, bikeways, greenways/paved trails, bus routes, and rail</li> <li>Build stronger connections across diverse population groups</li> </ul>	<ul style="list-style-type: none"> <li>Balance available housing options</li> <li>Coordinate the work of organizations addressing the needs of at-risk residents</li> <li>Expand the availability of affordable recreation and cultural services programs</li> </ul>	<ul style="list-style-type: none"> <li>Expand and enhance learning across all age groups</li> <li>Enhance partnerships between workforce development initiatives and employers</li> </ul>	<ul style="list-style-type: none"> <li>Create a culture of health and wellness</li> <li>Protect and restore the natural environment</li> <li>Coordinate open space, greenways/paved trails, and parks planning with neighborhood accessibility</li> </ul>	<ul style="list-style-type: none"> <li>Manage zoning and development to revitalize community character and the natural environment while allowing for growth and innovation</li> <li>Manage resources wisely</li> <li>Develop community and neighborhood leaders for the future</li> </ul>

# WATER QUALITY

## RELEVANT GUIDING PRINCIPLES & STRATEGIES

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Healthy

- Protect and restore the natural environment

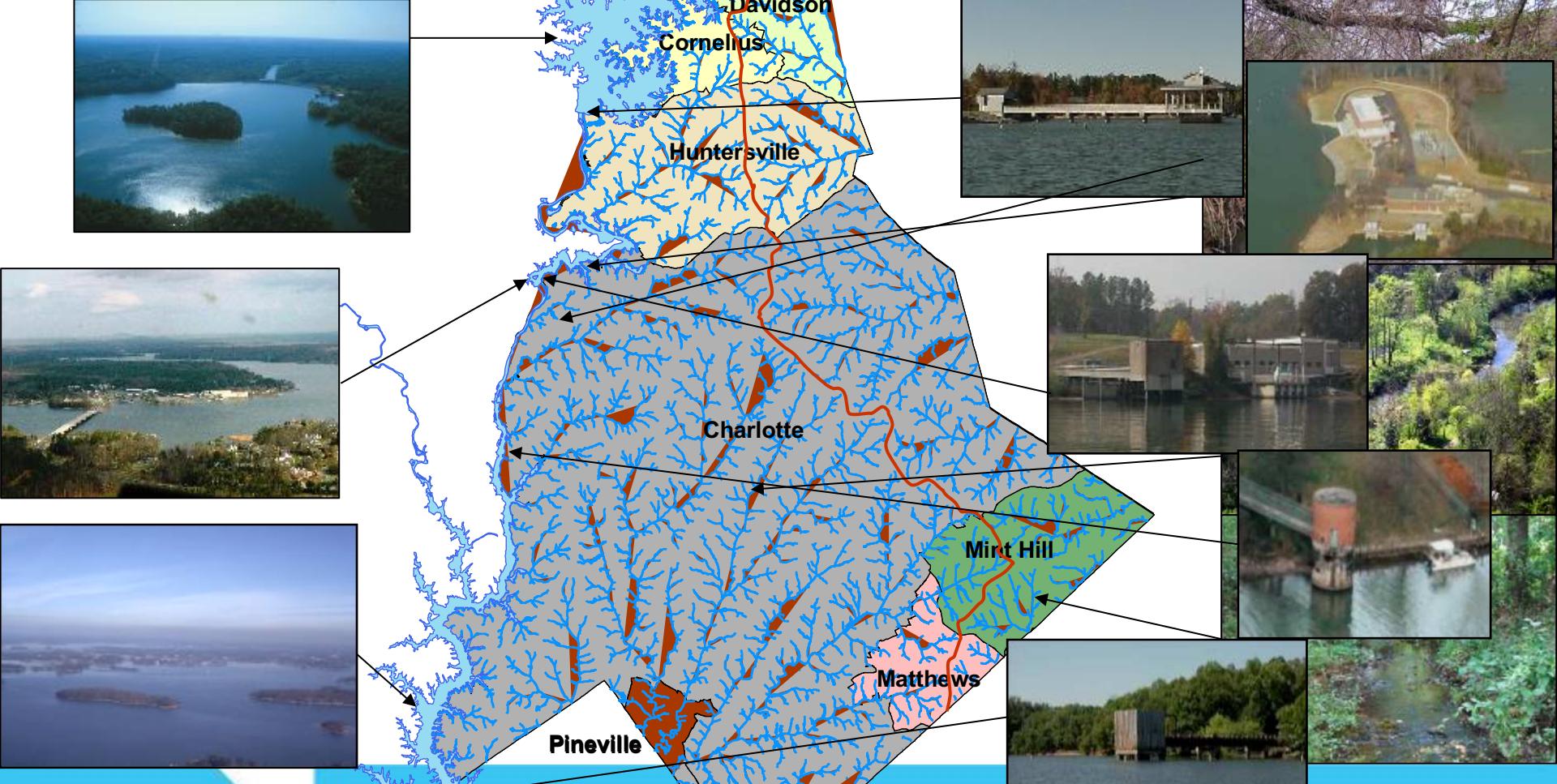
Resilient

- Manage resources wisely

# TODAY'S OBJECTIVES

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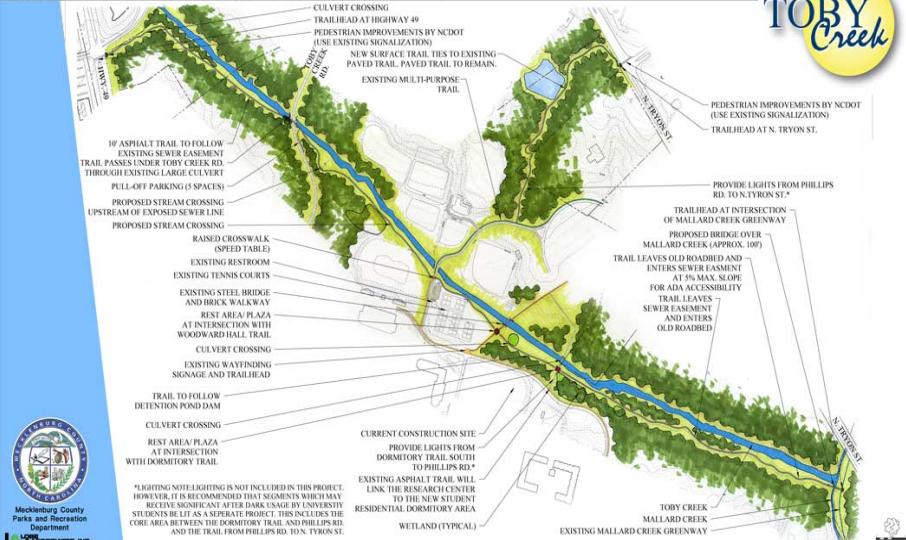
- **Educate partners** about water quality impacts and volunteer opportunities.
- **Solicit opinions** about how best to leverage volunteerism.



# Our Most Precious Natural Resource

# RECREATIONAL USES

## TOBY CREEK GREENWAY MASTER PLAN



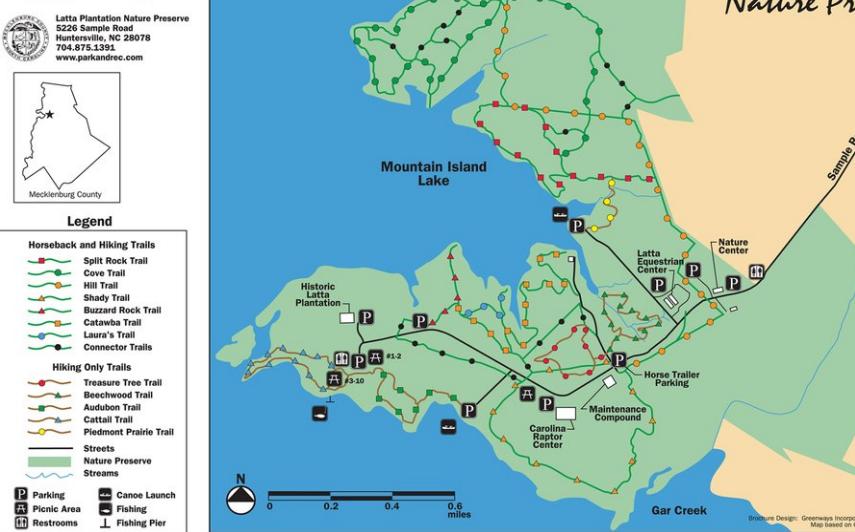
Toby Creek Greenway Plan

- ▶ Over 10 million people visit the Catawba River annually.
- ▶ Visitation is projected to increase 11% per decade through 2050.
- ▶ The Mecklenburg County greenway system is quickly becoming one of the finest in the nation.
- ▶ There are currently 37 miles of developed and 150 miles of undeveloped greenways in Mecklenburg County.

# OTHER LAKE USES

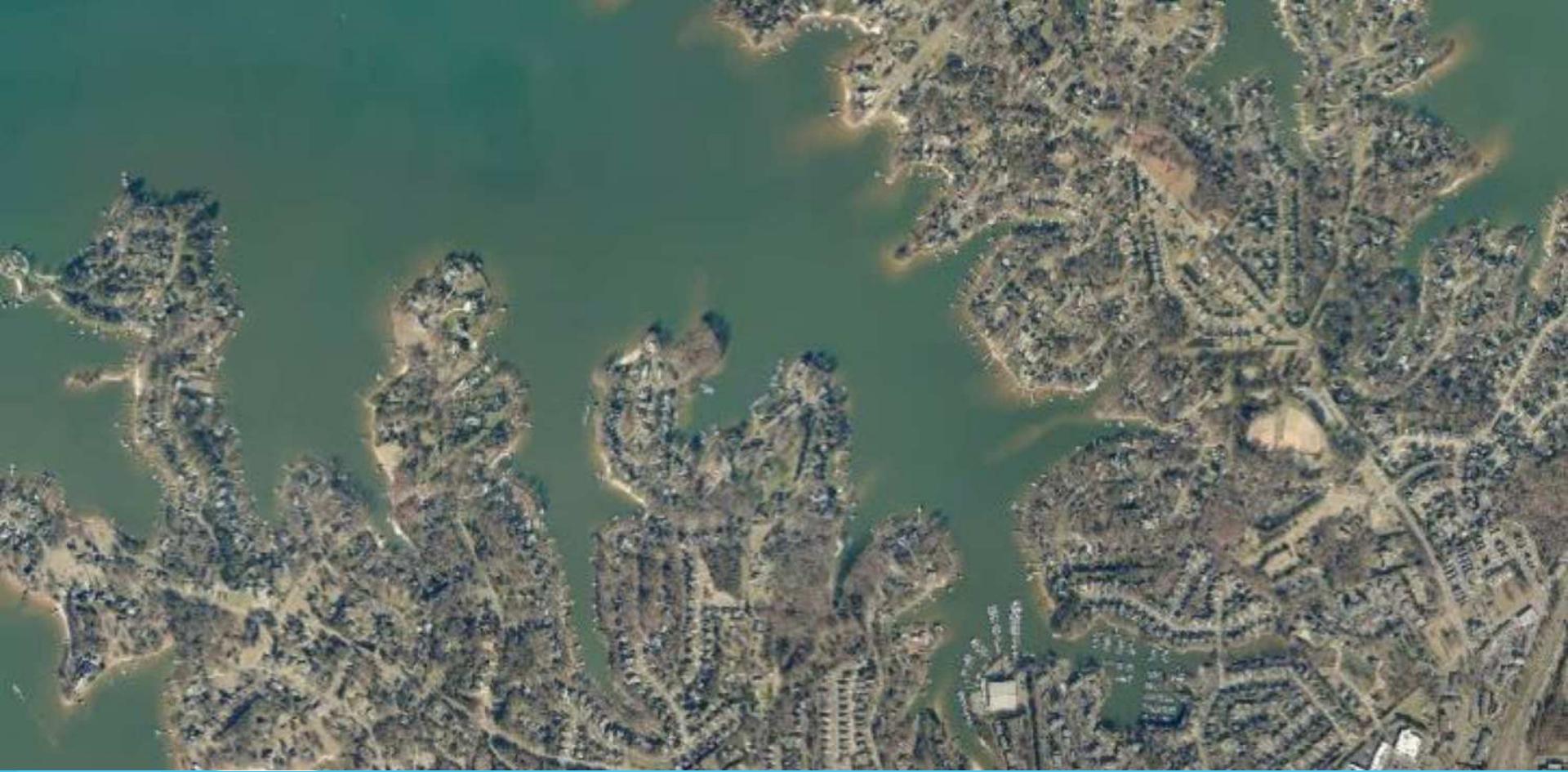


Mecklenburg County  
Park and Recreation  
*The Natural Place To Be...*  
5226 Sardis Road  
Hickory, NC 28078  
704.875.1391  
www.parkandrec.com



Cowan's Latta Plantation (Duke Power)

- ▶ 50% of Duke Power's capacity for electric generation relies on the Catawba River
- ▶ Includes hydropower at dams and cooling water for nuclear and coal fired plants
- ▶ Latta Plantation Nature Preserve is located on 1,343 acres along Mountain Island Lake.
- ▶ 137 species of birds, mammals, reptiles, and amphibians
- ▶ 2 federally endangered species of plants.



IT'S WHERE EVERYONE WANTS TO BE....



Whitley Mill on Long Cr



Ladies fishing in Little Sugar Creek – circa 1890

Maintaining good water quality conditions in our streams and lakes is essential for maintaining our livable community.



in Little Sugar Creek – circa 2000



Swimming hole in Long Creek – circa 1910

# POLLUTION SOURCES

## 1. Point Sources:

Pollutants that originate from a single location such as a factory or hospital.

## 2. Non-Point Sources:

Pollutants that originate from storm water flow and runoff from fixed locations.



- ▶ 1 inch rainfall on an acre of woods produces no runoff.
- ▶ The same one inch of rainfall on one acre of asphalt will produce over 27,000 gallons of runoff.





In Mecklenburg County, our average rainfall at 43 inches a year on our 50,000 acres of impervious area generates 1.3 billion gallons of runoff.

or enough water to

fill Panther Stadium 236 times



Volume + Velocity = Change in Natural Stream Hydrology



14 feet

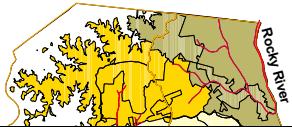


# OVER THE PAST 40 YEARS...

- Population has more than doubled
- Water supply customers have doubled
- Amount of developed land has tripled
- Increased pollution sources



# Impaired Surface Waters in Mecklenburg County



## Water Quality Monitoring Data (77 sites)

River Basin

Miles Assessed 263

Miles Impaired 202

% Impaired 77%

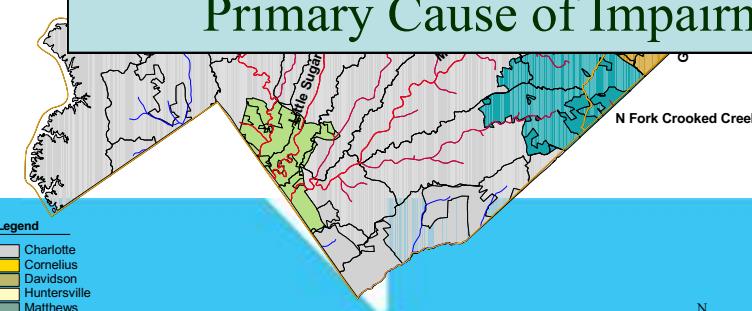
Largest Impaired Stream McAlpine Creek

Primary Source of Impairment Fecal Coliform, Biological, Turbidity

Primary Cause of Impairment Storm Water Runoff

N

N Fork Crooked Creek





Get  
Involved  
in Helping  
Protect  
our Waters



# Adopt-A-Stream

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- Waders
- Gloves
- Bags
- Grabber

## Ü^• v |c•

- 2412 volunteers
- 196 cleanups
- 38,186 pounds of trash removed



# Storm Drain Marking



## Supplies

- Markers
- Glue
- Gloves
- Safety Vest

## Results

- 303 volunteers
- 2971 Markers

# Volunteer Monitoring

## Supplies

- Monitoring Kit
- Gloves
- Bug Supplies (if needed)

## Results

- 171 volunteers
- 10 sampling days
- Training Workshop



# Tree Maintenance

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- Tree Tubes
- Tree stakes & Drivers
- Tree Mats & Staples
- Pruners

## Ǖ^•̄ lco•

- 18 volunteers last year
- 112 volunteers this year





## Supplies

- Tree Tubes
- Tree stakes & Drivers
- Tree Mats & Staples
- Seedling
- Shovels

## Results

- 461 volunteers
- 1350 bare root seedlings planted
- 200 live stake trees planted





## Supplies

- Gloves
- Bags
- Snacks

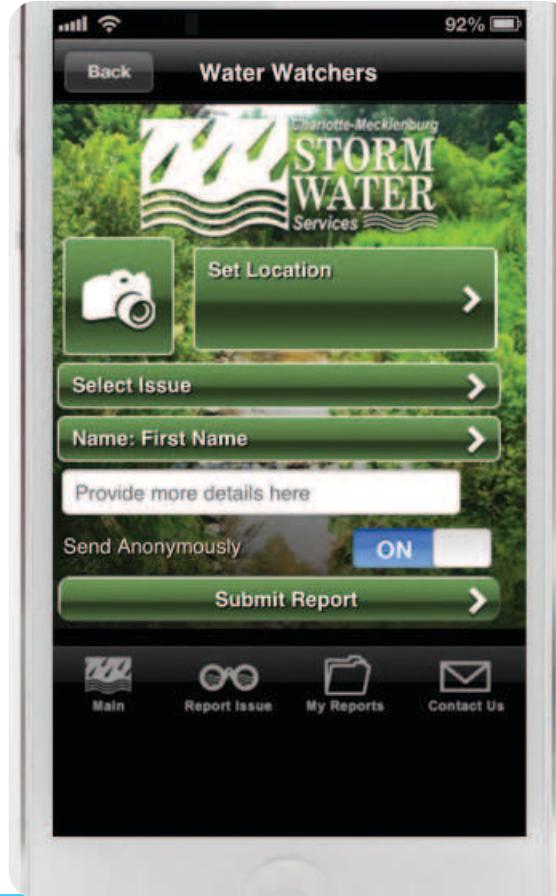
## Results

- 8 locations
- 295 Volunteers
- 9.62 tons of trash



# Be a Water Watcher

Report pollution by calling 311  
or using the WaterWatchers  
mobile app



# Who is Volunteering?

Last Fiscal Year 3,488  
citizens volunteered  
with CMSWS

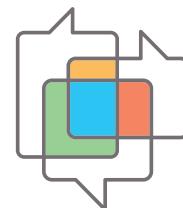
With a population of  
1,054,835 that means  
less than .33% of our  
citizens are volunteering  
CMSWS





YOUR VOICE. YOUR VISION.

A CALL TO ACTION



LIVABLE  
MECK

# COMMITMENT EXERCISE

## CALL TO ACTION

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- As a Partner organization, what will you do this week?
- As a Partner organization, what will you do this year?
- To accomplish your commitments, would you like to collaborate with other Livable Meck Partners? If so, who?
- Are there supports (i.e. engage, facilitate, measure, or communicate) Livable Meck could offer you as you take action?

# CLOSING REMARKS

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- ▶ Stage Engaged:
  - Thursday, April 19, 9-11am re: food waste at 2145 Suttle Avenue, Charlotte
  - Friday, May 18, 9-11am re: job readiness/employment opportunities for adults with special needs at CPCC Harris Conference Center (Billy Graham Parkway), Charlotte
- ▶ COMING SOON - Priority Setting Sessions
- ▶ Follow-us on Facebook & Twitter for up to date information, collaboration opportunities, etc.